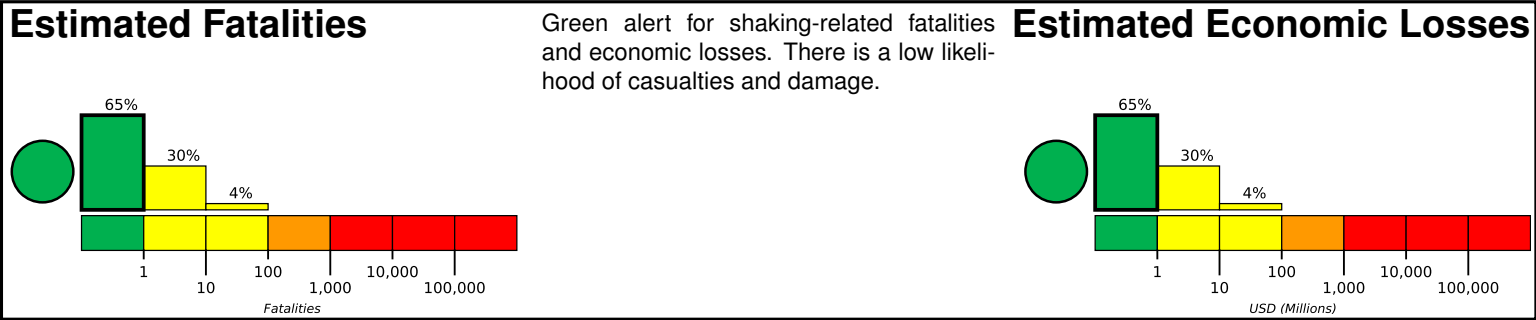


M 6.6, 18 km SE of Loncopu, Argentina

Origin Time: 2023-07-17 03:05:11 UTC (Mon 00:05:11 local)
Location: 38.1951° S 70.4688° W Depth: 186.0 km

PAGER Version 8

Created: 3 days, 19 hours after earthquake

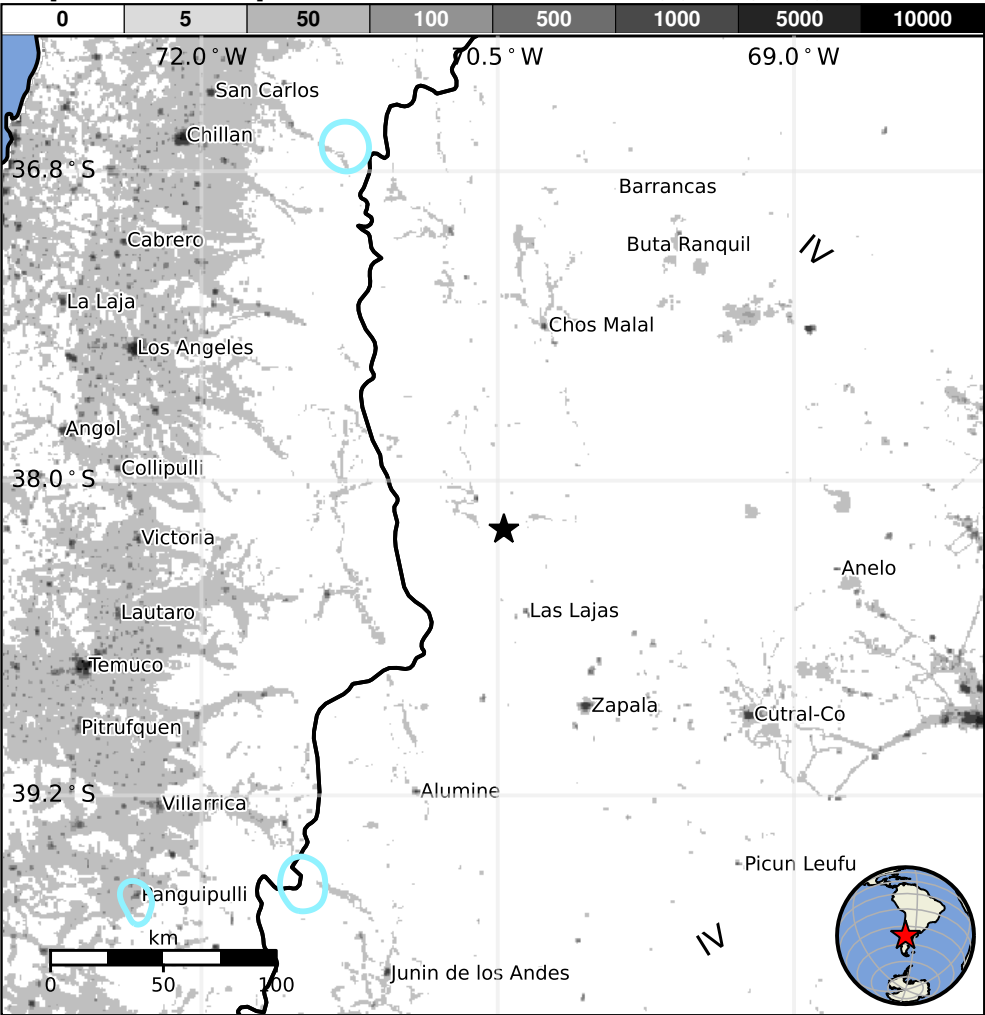


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	10k*	2,834k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and rubble/field stone masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2003-11-01	396	5.1	IV(4k)	—
1960-05-22	226	9.6	IX(227k)	—
1960-05-22	226	9.6	IX(227k)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Loncopue	4k
IV	Las Lajas	5k
IV	Zapala	32k
IV	Mariano Moreno	2k
IV	El Huecu	1k
IV	Chos Malal	12k
IV	Cutral-Co	47k
IV	Los Angeles	125k
IV	Temuco	238k
IV	Neuquen	242k
IV	Chillan	150k